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En-Tout-Cas  
FAST DRYING TENNIS COURTS



Journal

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CCA





TWO "EN-TOUT-CAS" COURTS MADE FOR THE DUKE OF DEVONSHIRE  
AT CHATSWORTH, DERBYSHIRE



En-Tout-Cas  
FAST DRYING TENNIS COURTS

# En-Tout-Cas

FAST DRYING TENNIS COURTS

PATENTS GREAT BRITAIN NO. 18734. U. S. A. NO. 1140241. CANADA 156256.



By Appointment to  
H. M. THE KING

*Sole Makers and Patentees*

THE EN-TOUT-CAS CO. (Syston), Ltd.  
Syston, Leicestershire, England

#### OFFICES:

LONDON: FORTNUM & MASON, LTD., 182 PICCADILLY, W. 1

NORTH OF IRELAND: F. A. PORTER & CO., 13 QUEEN SQUARE,  
BELFAST

CANADA: E. A. PURKIS, 53 YONGE ST., TORONTO

FRANCE: A. A. TUMNER & CO., PLACE ST. AUGUSTIN, PARIS

SCANDINAVIA: T. SMITH, 33 ECKERSBERGSGT, OSLO, NORWAY

NEW ZEALAND: W. H. TISDALL, LTD., CHRISTCHURCH, N. Z.

*Sole American Agents*

H. A. ROBINSON & CO., Inc., 128 Water Street, New York City

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*Three*



## Why "En-Tout-Cas" Courts Are Finer Courts

WILLIAM TILDEN writes in "Match Play and the Spin of the Ball," that "It will not be long before all championships will be played on clay or some dirt surface. It should be dark in color," Mr. Tilden advises, "capable of retaining moisture and of a consistency that will be soft, springy, but not slippery. This court surface once chosen could then be included in the equipment of all clubs looking for championship events in the future. *The 'En-Tout-Cas' court seems almost ideal.*"

But Mr. Tilden is only one of the tennis leaders here and abroad to recognize the undisputed superiority of "En-Tout-Cas" courts. They are recommended for their "perfect bound and footing"—because "their great resiliency relieves the pound on feet and ankles." "The fact that they are dustless means a lot," another says, "because it prevents discoloration of clothing and maintains clear visibility of the balls." So the comments run.

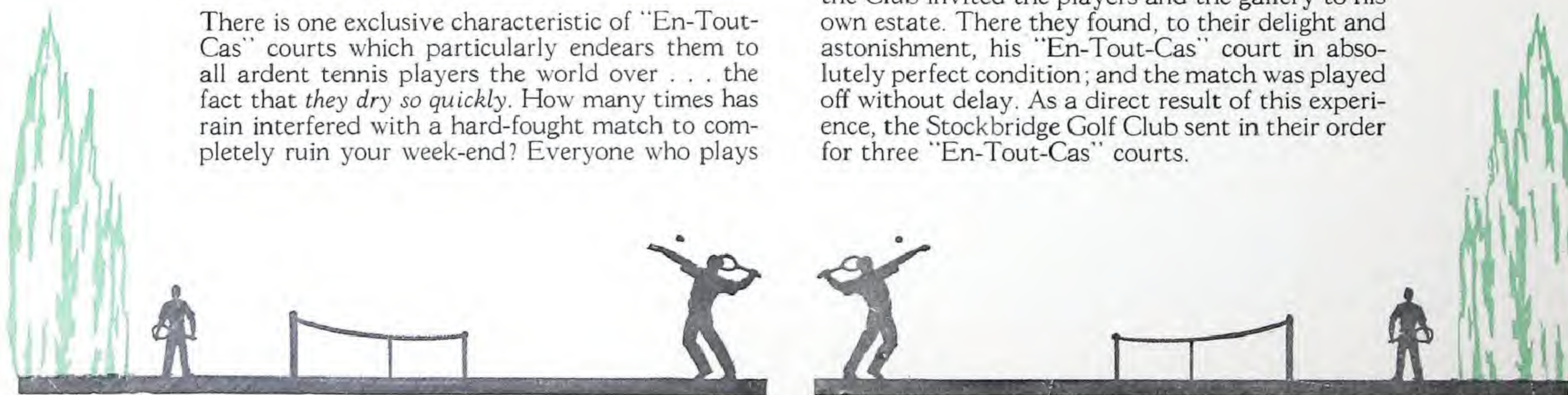
There is one exclusive characteristic of "En-Tout-Cas" courts which particularly endears them to all ardent tennis players the world over . . . the fact that *they dry so quickly*. How many times has rain interfered with a hard-fought match to completely ruin your week-end? Everyone who plays

tennis must admit that the fear of rain is always uppermost in their minds. "En-Tout-Cas" courts banish that fear. After a rain you have to wait only thirty minutes for the courts to dry to a firm surface, every line clear. Do you realize all that this rapid-drying feature means to you? It means fewer disappointments during the season, and a tennis year lengthened by one or two months.

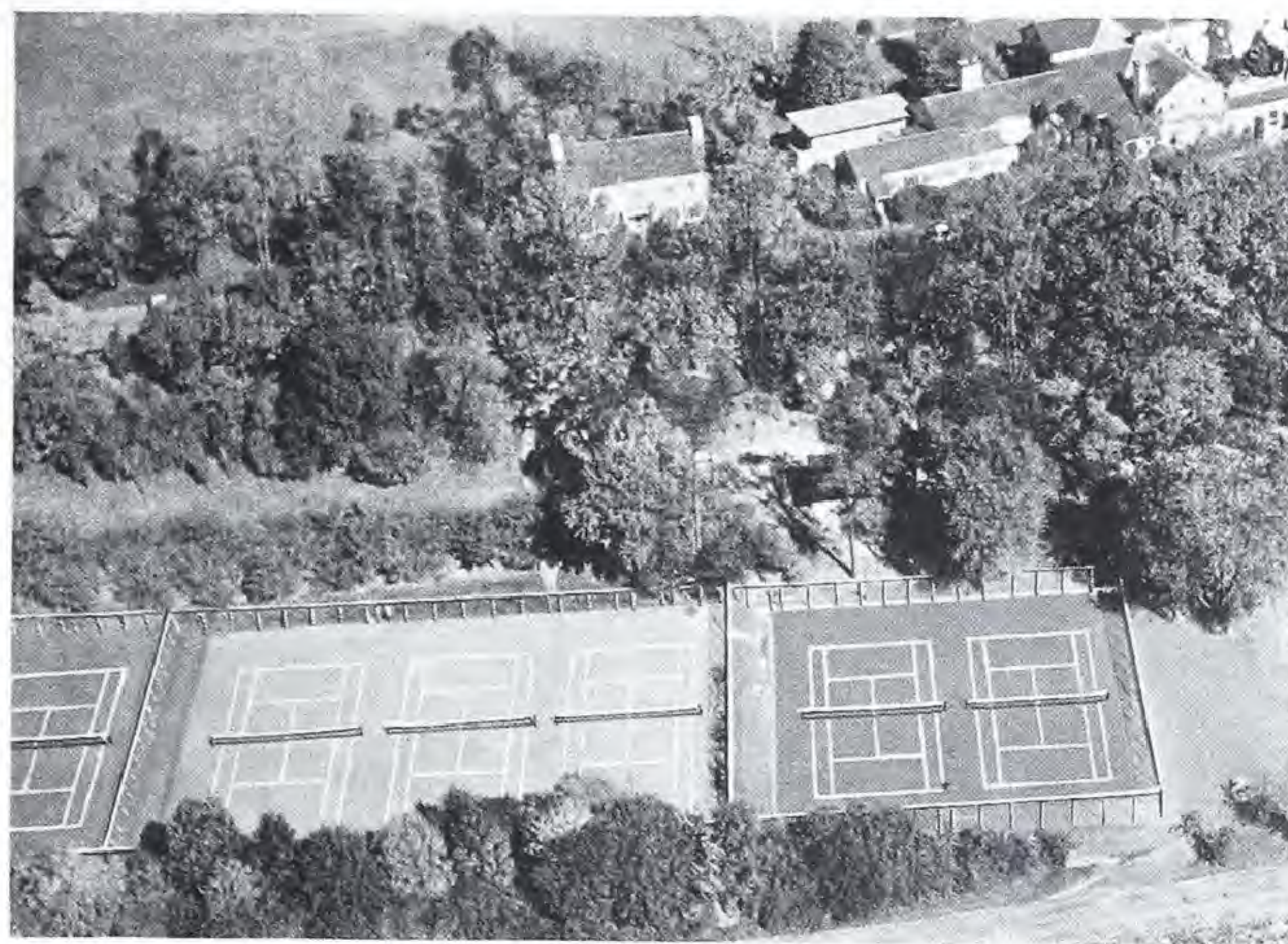
You pay more for "En-Tout-Cas" courts, of course. But you are repaid in the form of complete satisfaction, and a high degree of permanence.

### *How a Tournament was Saved!*

In 1926 the Stockbridge Golf Club of Massachusetts tried desperately to complete their annual tennis tournament, but wet grounds prevented the finals from being played. At last, the President of the Club invited the players and the gallery to his own estate. There they found, to their delight and astonishment, his "En-Tout-Cas" court in absolutely perfect condition; and the match was played off without delay. As a direct result of this experience, the Stockbridge Golf Club sent in their order for three "En-Tout-Cas" courts.







AERIAL VIEW PIPING ROCK CLUB, LOCUST VALLEY, L. I.

Numerous incidents of this nature have confirmed the expert's opinion that "En-Tout-Cas" courts are indispensable for the best tennis. Hard courts have gained in favor for practice and match-play from day to day. "En-Tout-Cas" courts are now associated with tournaments everywhere. They were used for the English hard court Championship matches at Wimbledon . . . The 1927 Davis

Cup Zone Match between Great Britain and Sweden . . . The 1928 Davis Cup Elimination Match between Canada and Japan. Also at the Piping Rock Club . . . The Wilmington Country Club . . . The Onwentsia Club . . . The Gibson Island Club . . . The Hurlingham Club, London . . . The Queen's Club, Kensington, London, and countless others.



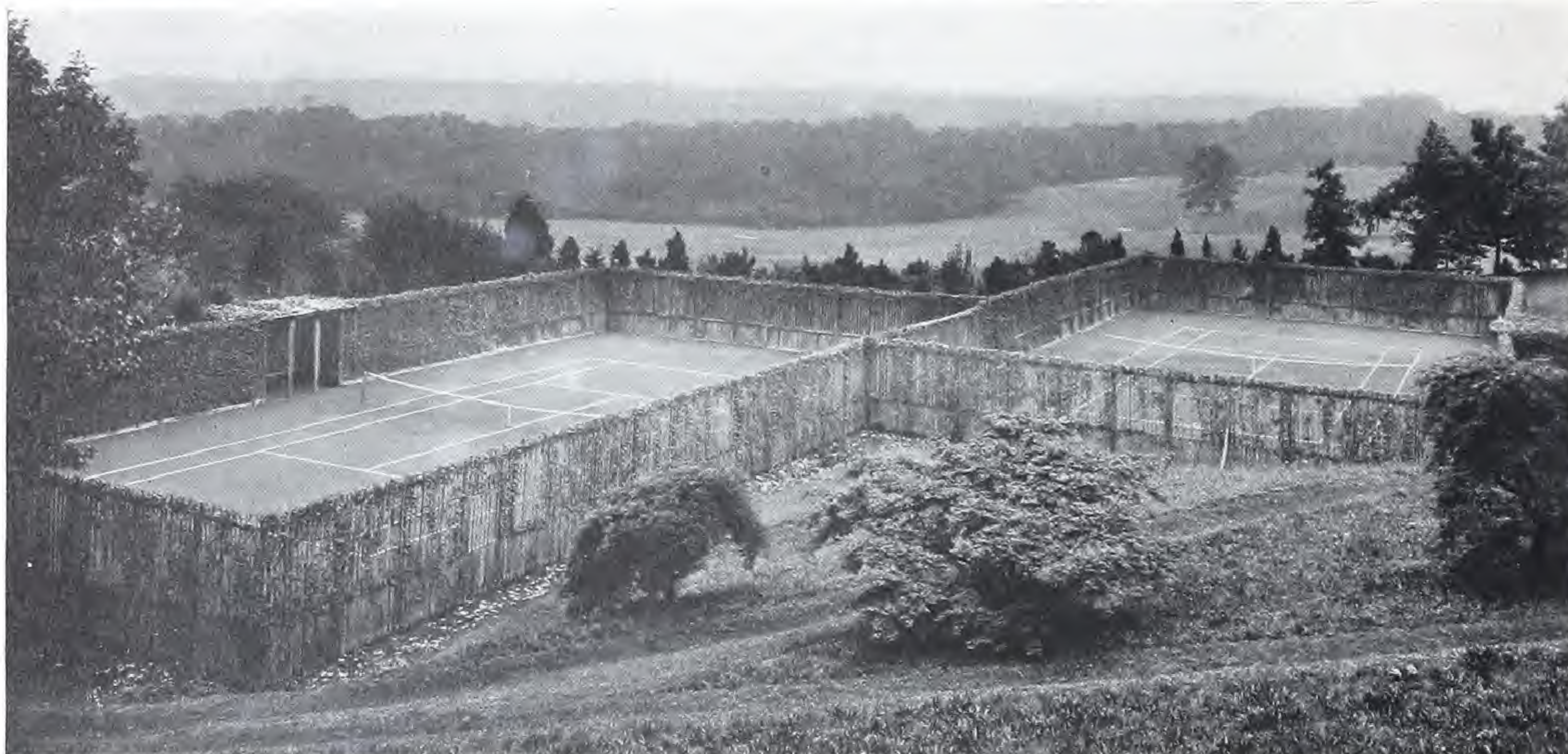


## What Makes "En-Tout-Cas" Courts "Fast Drying"

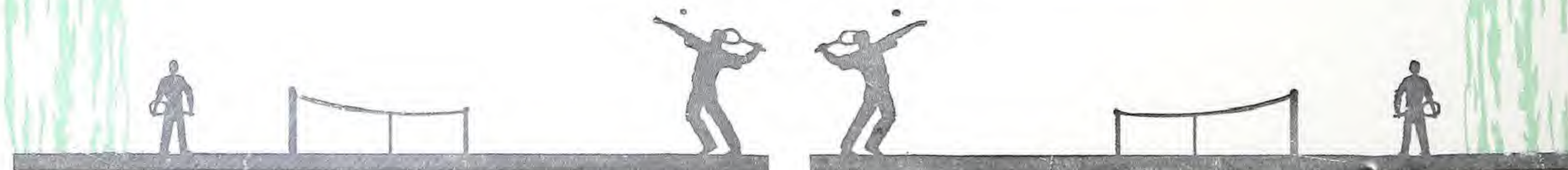
Necessity and invention allied as usual! Lawn tennis, as the name implies, was originally played on grass, and first developed into a recognized sport in England. As the popularity of the game increased the expense of properly maintaining turf courts became apparent.

Asphalt, gravel, concrete, and clay were tried. Ordinary clay courts were soon generally accepted . . . but still caused dissatisfaction because of their failure to dry rapidly after rain. Precious tennis hours were lost. Players and would-be spectators were disappointed.

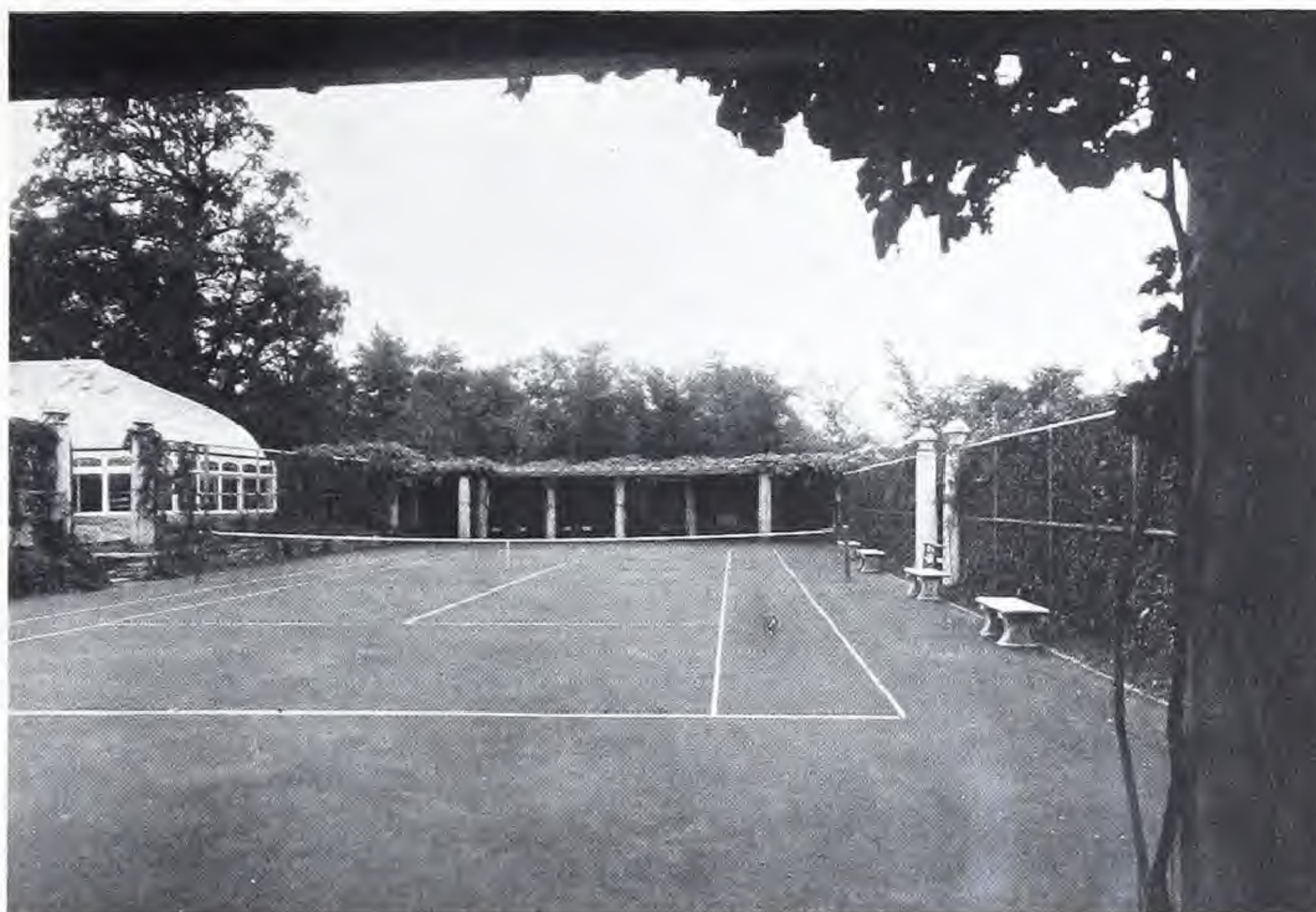
Finally in 1912 the En-Tout-Cas Company of Syston, Leicestershire, produced the first "En-Tout-Cas" court. The material for the surface of



"EN-TOUT-CAS" TENNIS COURTS ON THE ESTATE OF OTTO H. KAHN, ESQ.,  
COLD SPRING HARBOR, L. I.



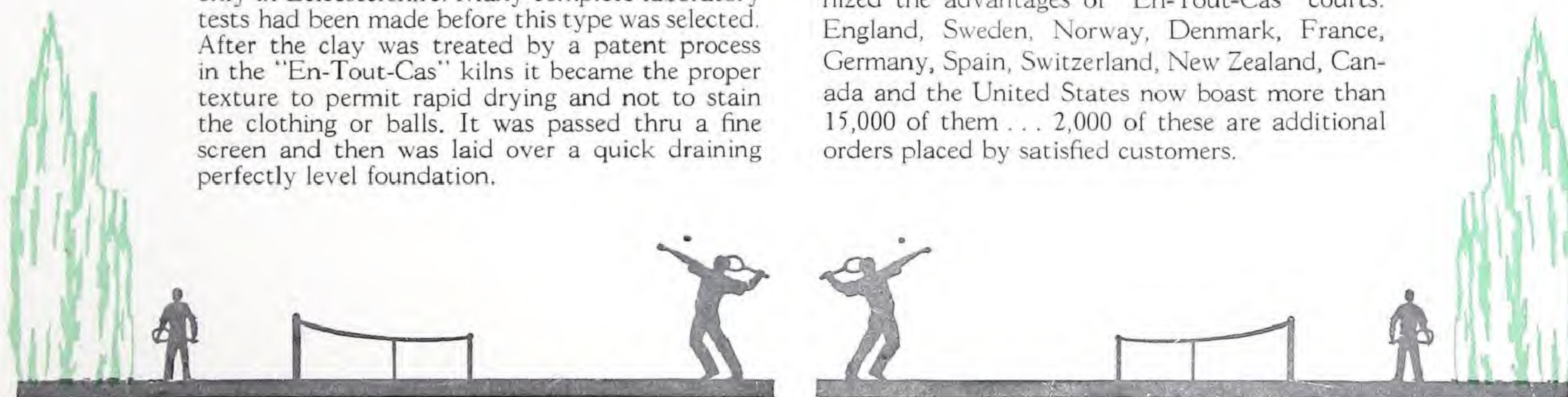




"EN-TOUT-CAS" COURT OF THE ESTATE OF WILLIAM V. KELLEY, ESQ., LAKE FOREST, ILL.

this court was made of a special type of clay, found only in Leicestershire. Many complete laboratory tests had been made before this type was selected. After the clay was treated by a patent process in the "En-Tout-Cas" kilns it became the proper texture to permit rapid drying and not to stain the clothing or balls. It was passed thru a fine screen and then was laid over a quick draining perfectly level foundation.

Players in every "tennis" country quickly recognized the advantages of "En-Tout-Cas" courts. England, Sweden, Norway, Denmark, France, Germany, Spain, Switzerland, New Zealand, Canada and the United States now boast more than 15,000 of them . . . 2,000 of these are additional orders placed by satisfied customers.





## Construction of "En-Tout-Cas" Fast Drying Tennis Courts

COURT construction is directed from the office of the American Agents; H. A. ROBINSON & Co., Inc., 128 Water Street, New York City.

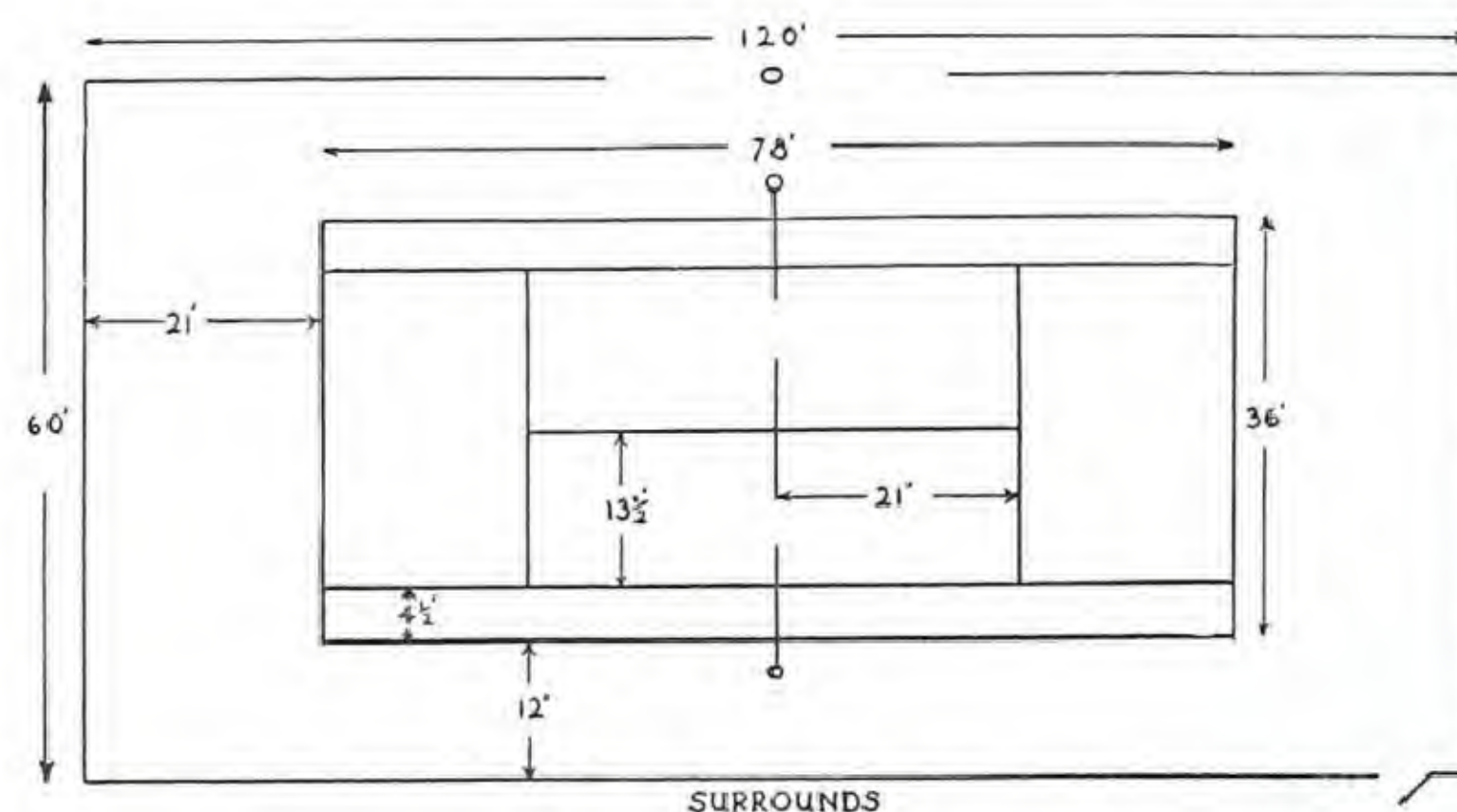
Questions of any nature regarding these courts will be gladly answered by this office; and advice on locations of sites and their drainage will be promptly given by our experts.

The "En-Tout-Cas" Fast Drying Tennis Courts are constructed in America under the direct supervision of expert foremen who have been thoroughly

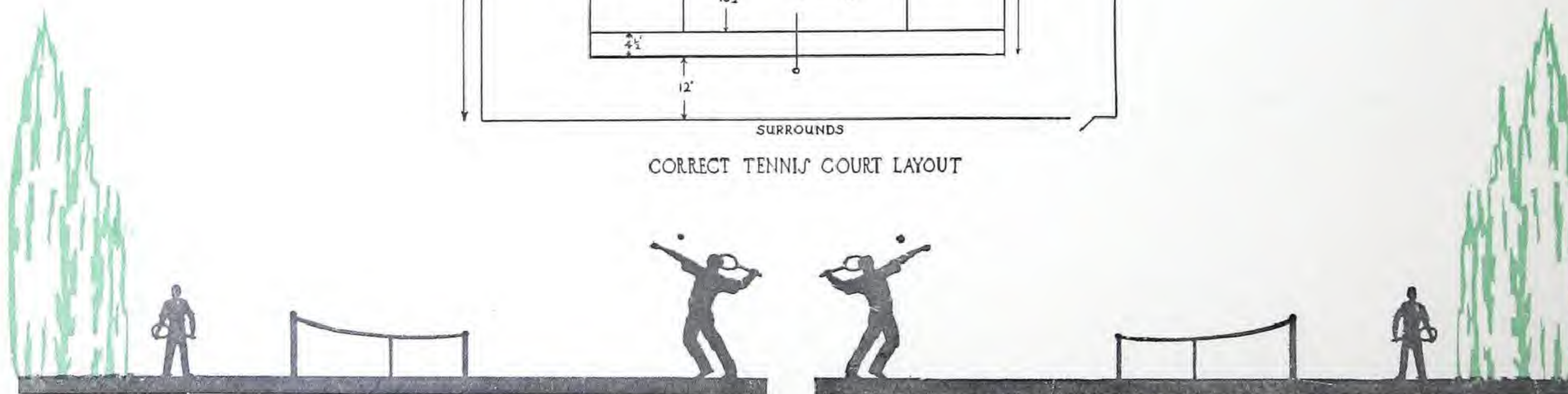
trained at the Works in Leicestershire. They have had, in addition, many years of construction experience in England and on the Continent.

The foreman gives detailed instruction to the superintendent, groundsman or gardener on the care of the court upon its completion. He also gives a card of instruction, which can be replaced at any time on application to the New York office.

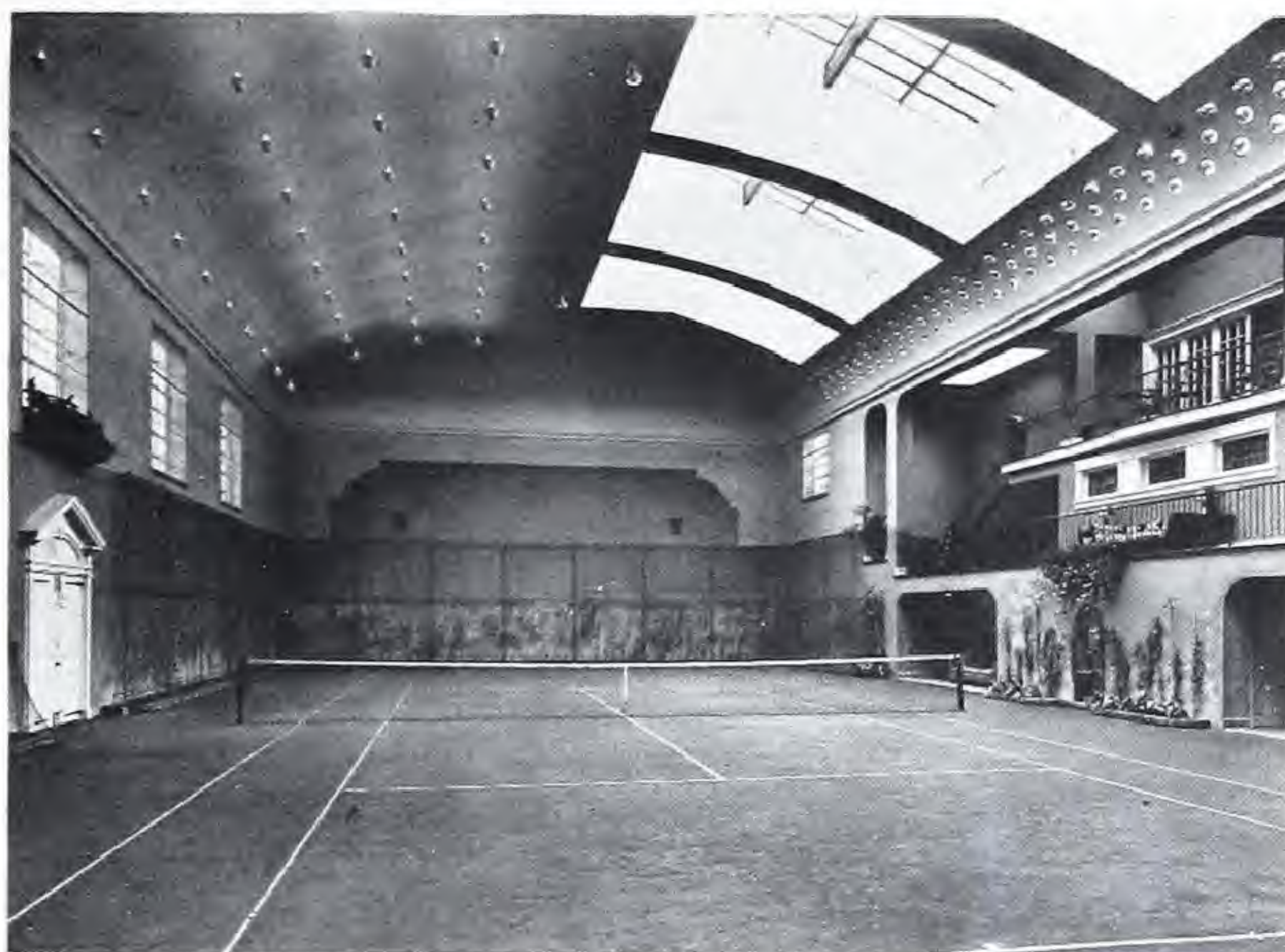
"En-Tout-Cas" surfacing material is supplied only to purchasers of a complete court installation.



CORRECT TENNIS COURT LAYOUT





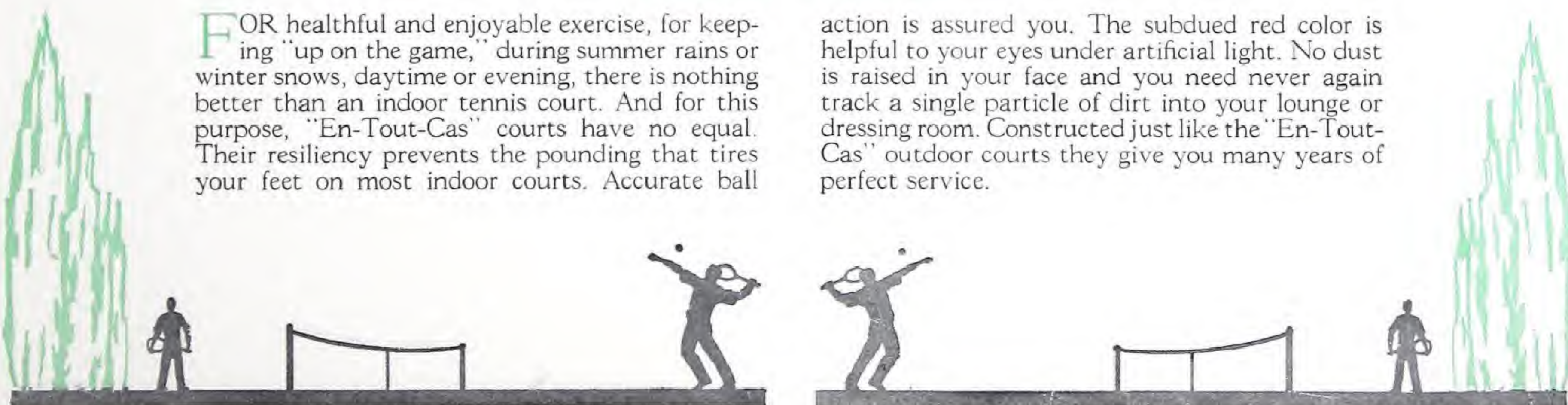


© Walter Kidde Constructors, Inc., Engineers & Builders of Enclosure  
"EN-TOUT-CAS" COURT AT HAMILTON FARMS, GLADSTONE, N. J.

## Indoor Courts

FOR healthful and enjoyable exercise, for keeping "up on the game," during summer rains or winter snows, daytime or evening, there is nothing better than an indoor tennis court. And for this purpose, "En-Tout-Cas" courts have no equal. Their resiliency prevents the pounding that tires your feet on most indoor courts. Accurate ball

action is assured you. The subdued red color is helpful to your eyes under artificial light. No dust is raised in your face and you need never again track a single particle of dirt into your lounge or dressing room. Constructed just like the "En-Tout-Cas" outdoor courts they give you many years of perfect service.





## Expressions of Appreciation

*William T. Tilden, 2nd.*

"I have played on 'En-Tout-Cas' Courts in the United States, England and France, and have found them uniformly satisfactory. I consider them the best type of hard court."

*Piping Rock Club. From Clarence C. Pell, Chairman, Tennis Committee.*

"We have had the 'En-Tout-Cas' Courts at the Piping Rock Club for six or seven years and have found them most satisfactory in every way. They have lasted very well under a great deal of play and always provide a fine playing surface.

I would be very glad to personally recommend them to anyone considering an installation."

*William B. Osgood Field,*

"The 'En-Tout-Cas' Court which you installed for me at High Lawn has been the greatest possible success. We have had no difficulty whatever in its upkeep and have had the most complimentary remarks from everyone who has had the privilege of playing on it. It has every quality of perfect turf, which in our climate is a great triumph. For years we have tried to keep a turf court but no matter what care it received, it was never good.

"Your 'En-Tout-Cas' Court has solved our problem perfectly."

*Stockbridge Golf Club. From L. M. Clucas, Chairman, Tennis Committee.*

"The courts which I had charge of installing at the Stockbridge (Mass.) Golf Club have been an unqualified success in every possible way. Tennis playing has been revived to a decidedly marked degree and I cannot sing the praises of the 'En-Tout-Cas' courts too highly."

*St. Louis Country Club,*

"As to the reaction of the Club members to your courts, I am very pleased to say that before we installed them there were not over a dozen members playing tennis, while today we have well over a hundred actively playing in the game, and in addition we have a professional where before we had none. For the middle west, where clay courts get baked out during the hot, dry summer season, and where turf courts, because of climatic conditions, are impractical, we feel your courts are the only solution that we have yet seen."

*Wilton Lloyd-Smith,*

"I have just uncovered the 'En-Tout-Cas' court which you put in for me last July. In accordance with your suggestion it was covered about the first of December. I am glad to report that it seems to be in perfect condition and was immediately playable—even before rolling.

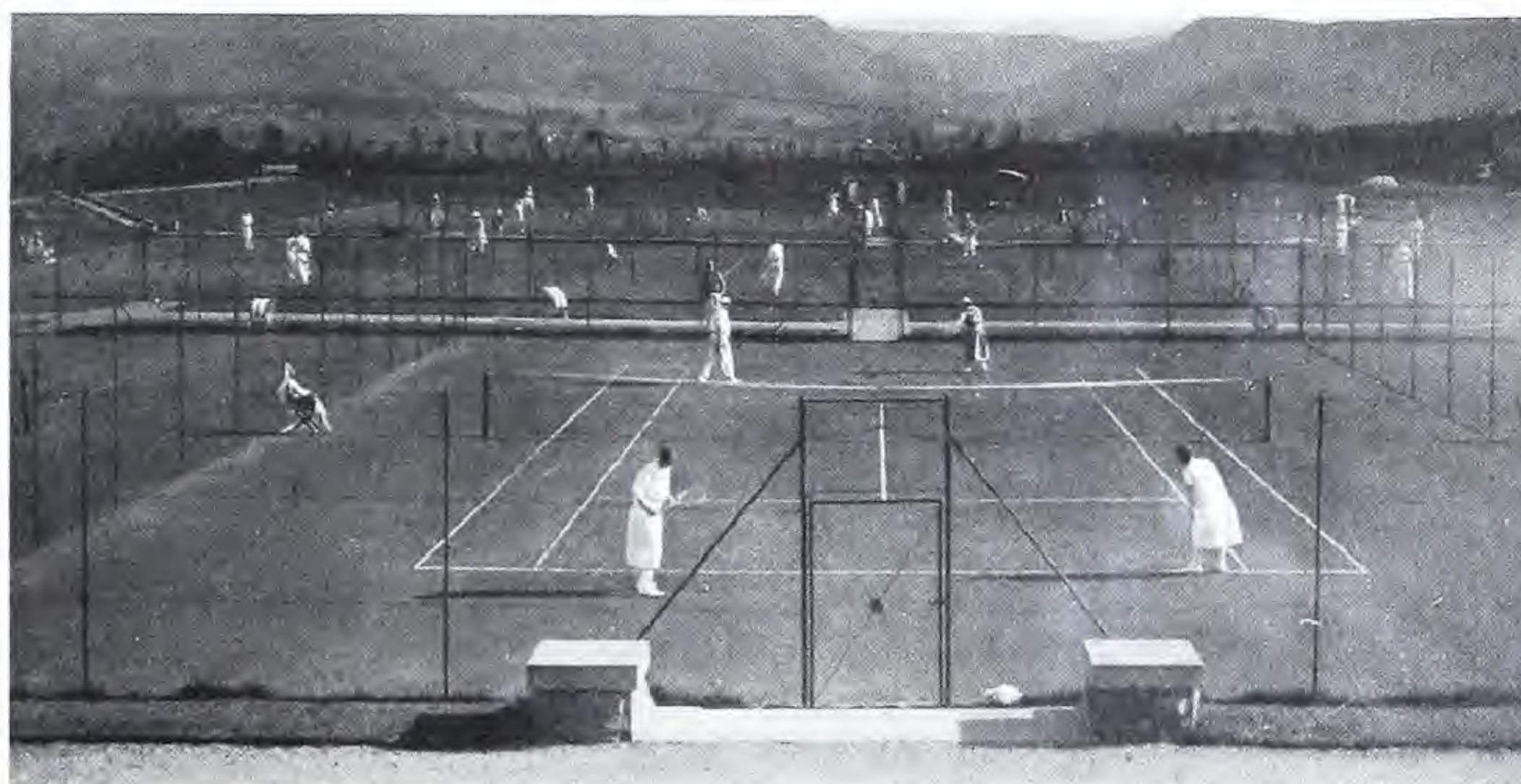
I take this opportunity to tell you how entirely satisfactory from every standpoint I have found this court."



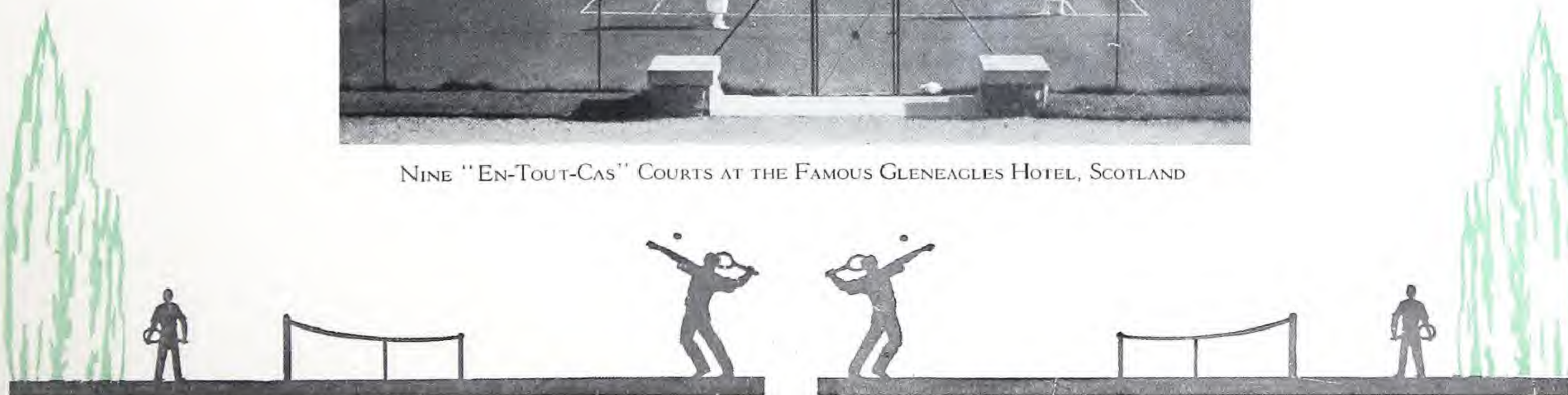


## *"En-Tout-Cas" Points of Superiority*

1. Permit play thirty minutes after heavy rain. Give more tennis hours daily and eliminate week-end disappointment due to soggy courts.
2. Lengthen usual tennis season by one to two months.
3. Have red brown color which contrasts with ball and net. This contrast gives greater visibility and permits twilight play. The color prevents glare in brilliant sunlight.
4. The color is fast, and the courts are dustless—balls and clothing remain clean.
5. Require no slope for drainage, are laid absolutely level.
6. Have the resiliency of the best turf courts. They do not tire the feet.
7. Give true bound and perfect footing.
8. They are equipped with non-trip marking tapes, securely fastened, and beaten flush with the surface of the court. These tapes eliminate the ever-present trouble and expense of painting the lines.
9. Have great length of life. The original courts constructed in 1912 are still in use.



NINE "EN-TOUT-CAS" COURTS AT THE FAMOUS GLENEAGLES HOTEL, SCOTLAND





The En-Tout-Cas Co. (Syston) Ltd., has been greatly honored by being appointed  
Hard Lawn Tennis Court Makers to His Majesty The King



By Appointment to  
H. M. THE KING

## A Few Owners of "En-Tout-Cas" Courts

### In the United States

#### ESTATES

Philip D. Armour  
George F. Baker, Jr.  
F. L. Belin  
Miss Alice De LaMar  
H. F. duPont  
Marshall Field  
Stanley Field  
Edsel Ford  
Mortimer B. Fuller  
Robert Goellet  
E. F. Hutton  
J. S. Johnson  
Hugh Kelleher  
Mrs. H. D. Lewis  
E. Mallinckrodt, Jr.  
Ogden L. Mills  
R. L. Montgomery  
J. Pierpont Morgan  
Herbert Parsons  
Herbert L. Pratt  
Mrs. Whitelaw Reid  
John Sanford  
Phil H. Sawyer  
Mortimer L. Schiff  
James Simpson  
Ernest Stauffen  
Seth Thomas  
W. H. Vanderbilt

#### HOTELS

The Greenbrier  
The New Homestead  
Cloister Inn

#### CLUBS

Bridle Spur Hunt Club  
Chicago Golf Club  
Country Club of Detroit  
Cove Club  
The Creek  
Deepdale Country Club  
Fishers Island Club  
Gibson Island Club  
Grosse Pointe Club  
Lakeville Golf & Country Club  
Mid-Ocean (Bermuda) Club  
Montrose Country Club  
Nantucket Yacht Club  
Norwood Country Club  
Onwentsia Club  
Piping Rock Club  
Saddle & Cycle Club  
Shore Acres Club  
Short Hills Club  
St. Louis Country Club  
South Shore Country Club  
Stockbridge Golf Club  
Wilmington Country Club

### In England and on the Continent and Canada

#### ESTATES

H.R.H. The Duke of York  
The Duke of Devonshire  
The Duke of Marlborough  
The Earl of Beatty  
The Earl of Derby  
Viscount Furness  
Commander Hillyard, R.N.

#### CLUBS

Wimbledon, England  
Roehampton Club, England  
Queen's Club, England  
Hurlingham Club, England  
Montreal Indoor Tennis Club,  
Canada  
Toronto Lawn Tennis Club,  
Canada  
Merano Lawn Tennis Club, Italy  
Blau-Weiss Lawn Tennis Club,  
Germany  
Geneva Lawn Tennis Club,  
Switzerland

#### COLLEGES

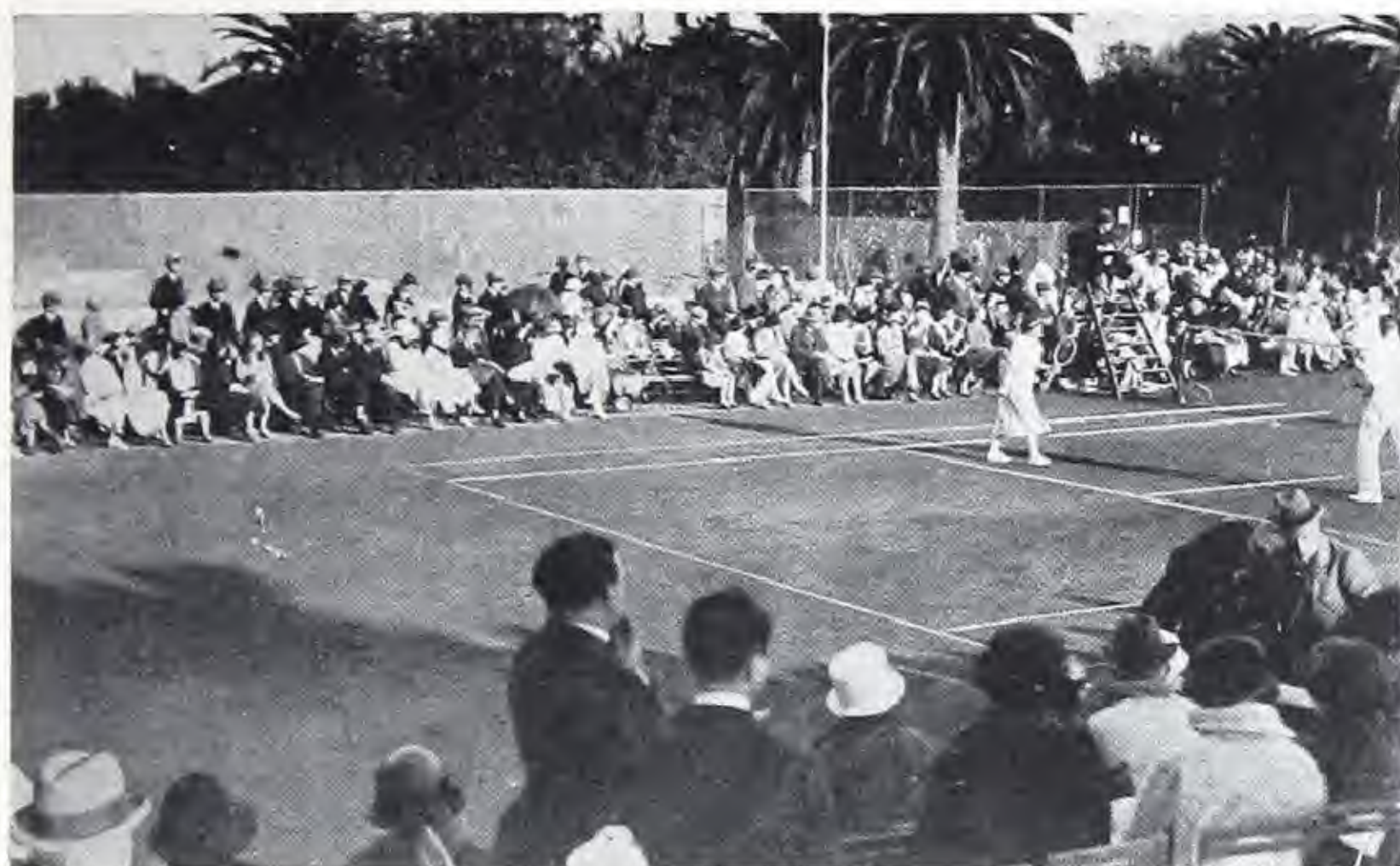
Christ's College, Cambridge  
Eton College  
Oxford University

#### HOTELS

Gleneagles, Scotland  
Palace Hotel, Torquay  
Hotel Bristol, Beaulieu



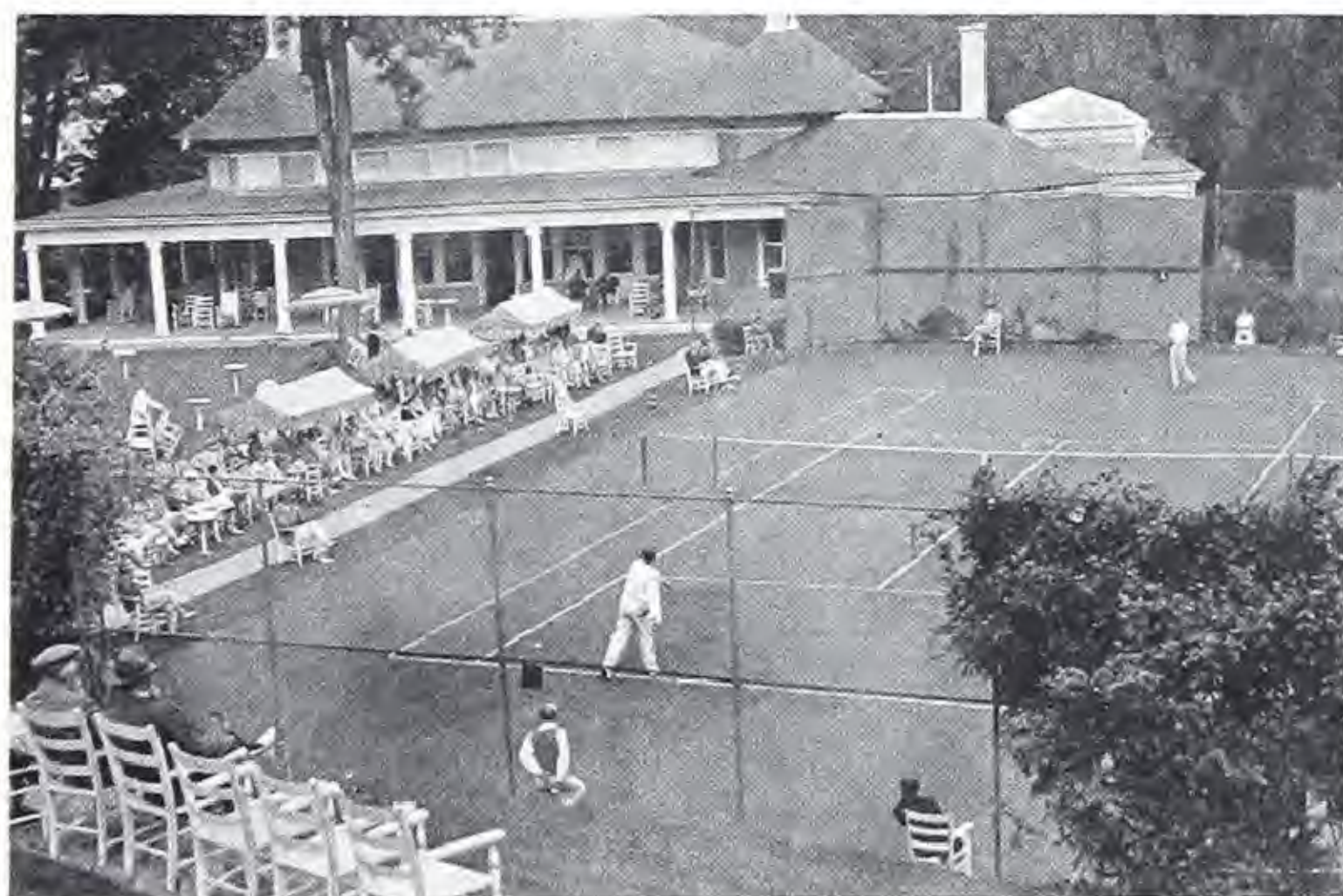




THE HOTEL BRISTOL, BEAULIEU, FRANCE



THE TORBAY COUNTRY CLUB, DEVONSHIRE, ENGLAND



THE HOMESTEAD COURTS, HOT SPRINGS, VIRGINIA



AERIAL VIEW OF ESTATE OF THOMAS HITCHCOCK, ESQ., LONG ISLAND



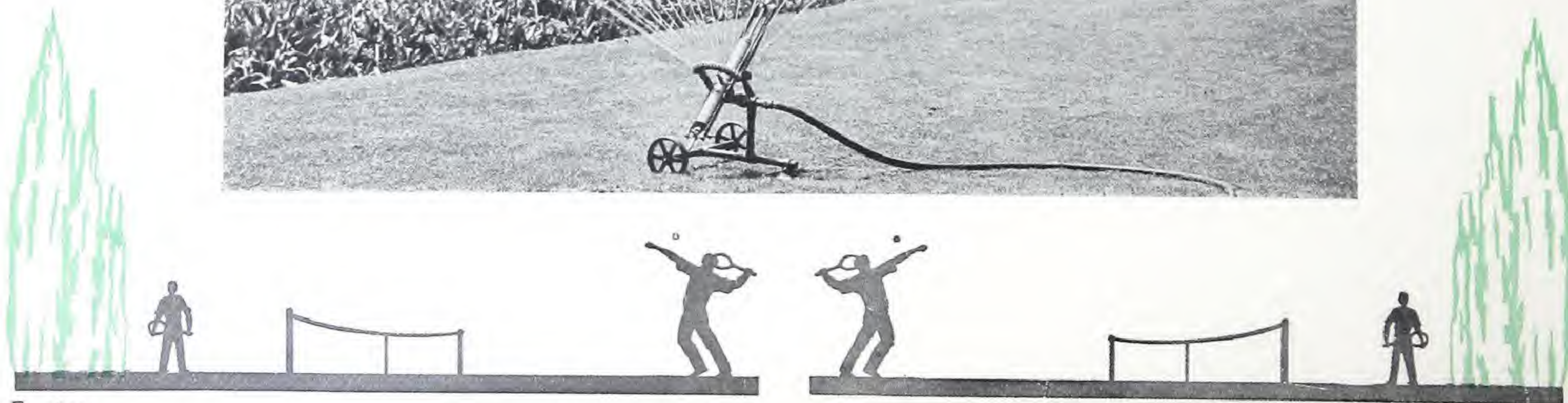
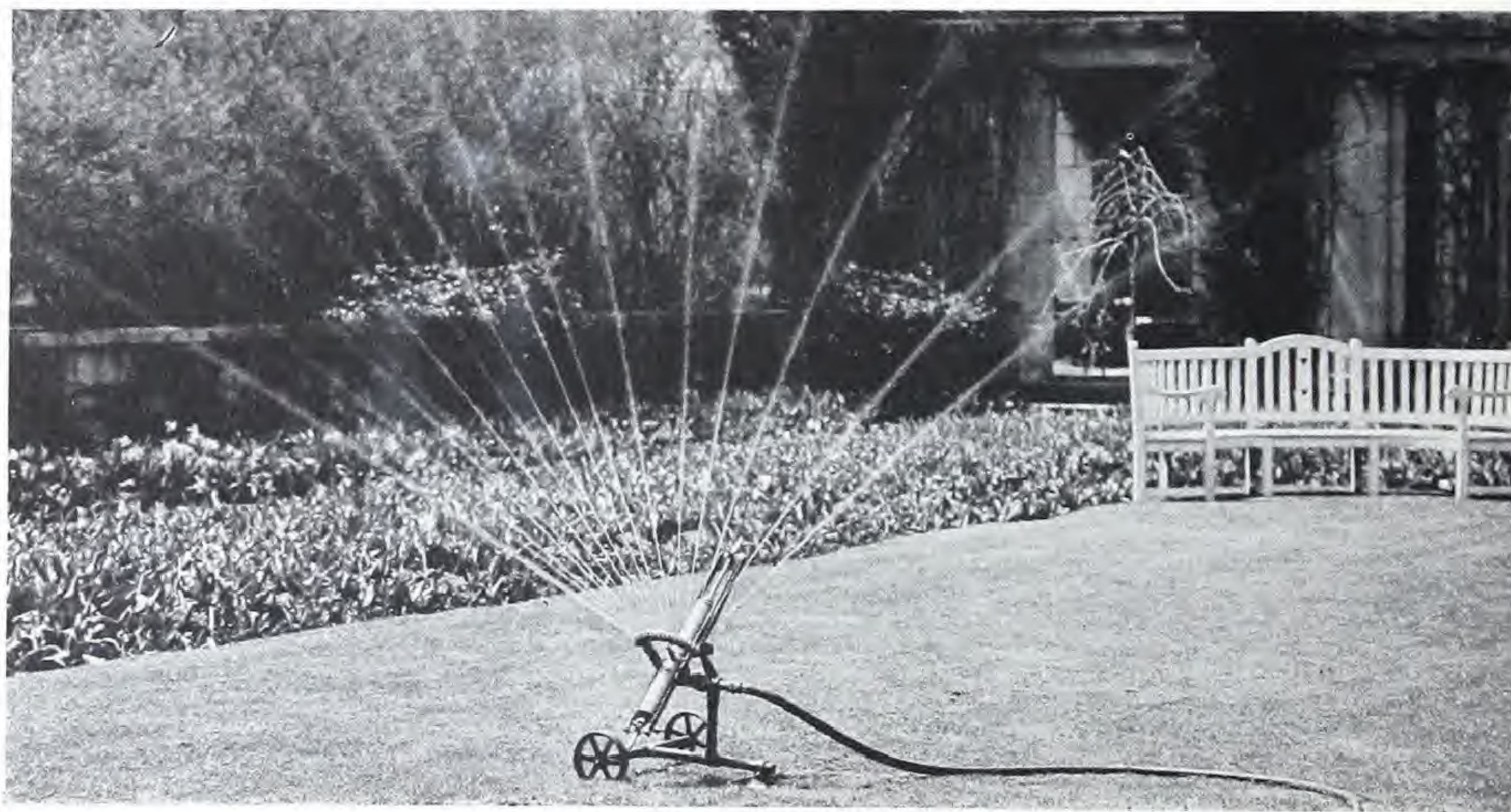


## Sprinklers

**A**N automatic sprinkler that sprays the surface is recommended. One that throws the water is very detrimental to a hard court. The type of sprinkler pictured on this page achieves the required results by a patented method of breaking up the water into tiny particles, which are distributed like a gentle shower evenly and thoroughly over a square area as much as 60 feet by 60 feet—3600 square feet under high pressure—or about 50 feet by 50 feet under average city press-

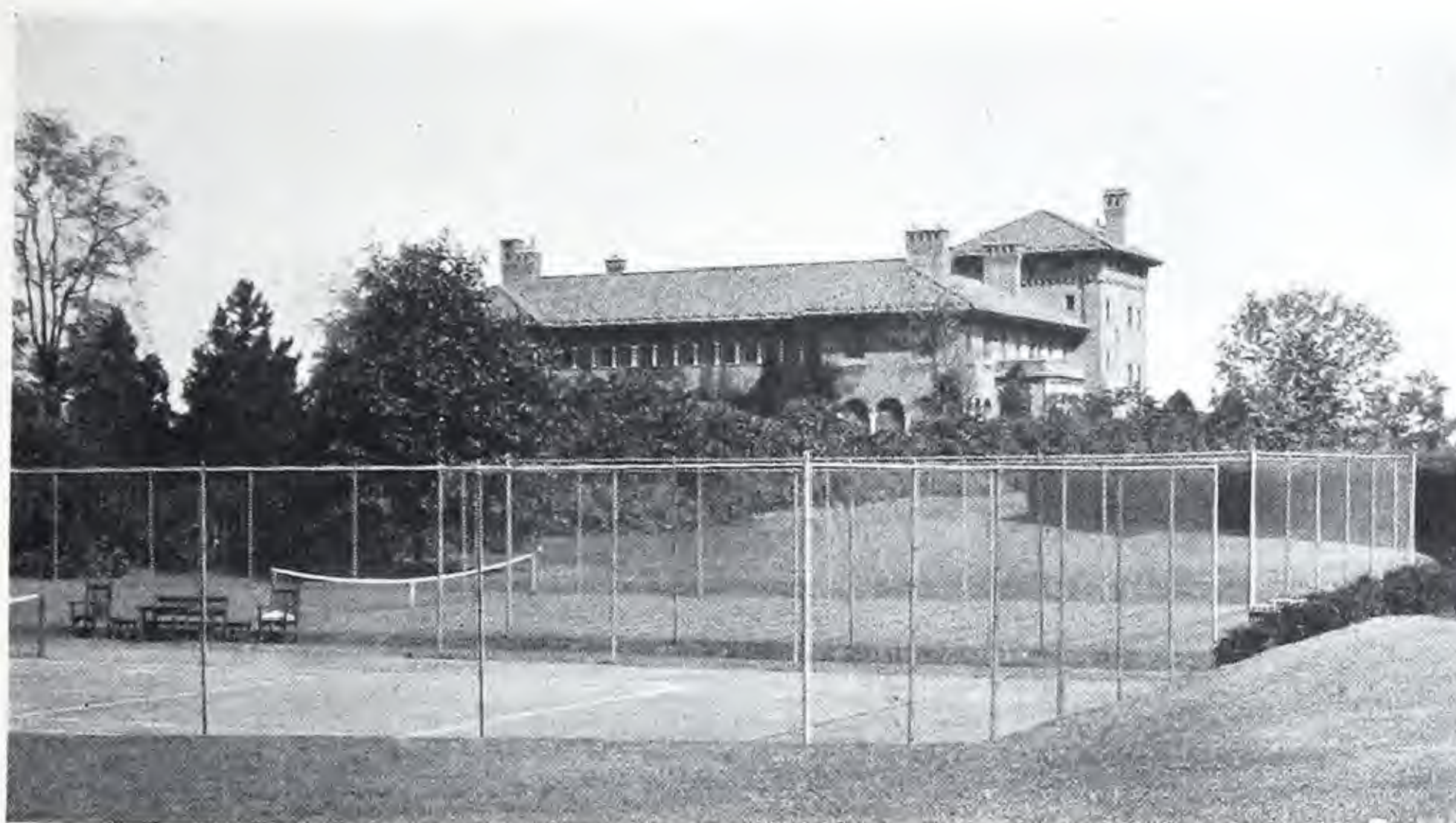
ure. Or by turning down the tap you can water a square plot 20 feet by 20 feet—any square unit up to the maximum capacity of the machine.

The water is thrown high into the air, the machine oscillating back and forth to direct the spray. Every square inch is watered. No missing. No over-lapping. No waste. It is practical. Durable. Does the work of three or four ordinary sprinklers. Weighs only 25 lbs. Mounted on wheels. Easy to move. *Prices quoted on application.*

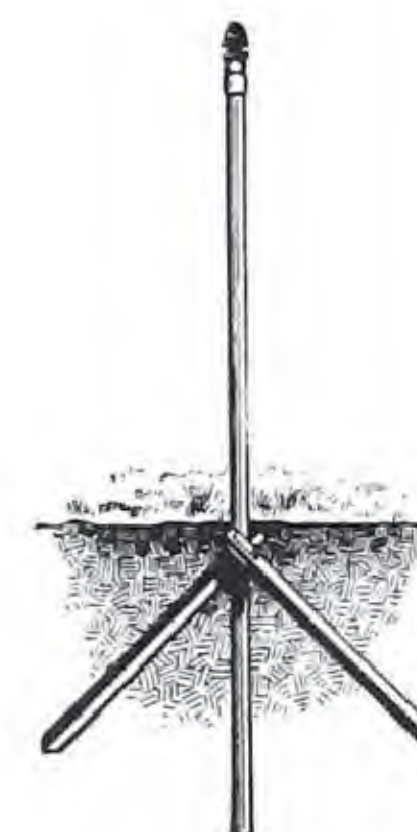




## Surrounds



"EN-TOUT-CAS" COURT ON THE ESTATE OF SAUL R. GUGGENHEIM, ESQ.

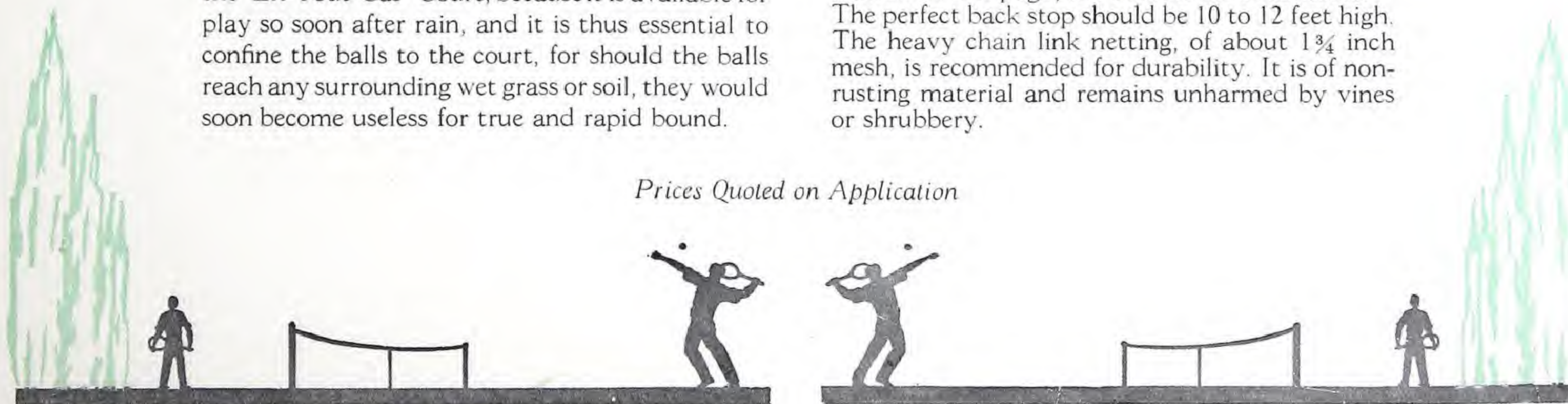


*One method of post setting*

IT is advisable to have a permanent surround enclosing all hard courts, and particularly for the "En-Tout-Cas" Court, because it is available for play so soon after rain, and it is thus essential to confine the balls to the court, for should the balls reach any surrounding wet grass or soil, they would soon become useless for true and rapid bound.

There are two varieties of posts which have been found satisfactory; one is set as shown in the illustration on this page; the other is set in concrete. The perfect back stop should be 10 to 12 feet high. The heavy chain link netting, of about  $1\frac{3}{4}$  inch mesh, is recommended for durability. It is of non-rusting material and remains unharmed by vines or shrubbery.

*Prices Quoted on Application*





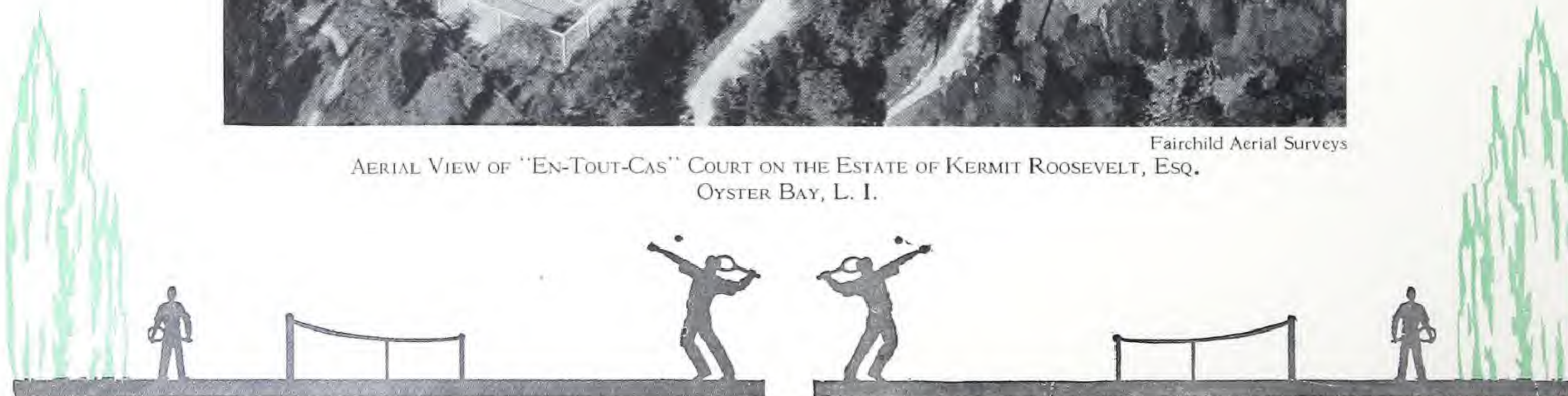
# En-Tout-Cas

FAST DRYING TENNIS COURTS



AERIAL VIEW OF "EN-TOUT-CAS" COURT ON THE ESTATE OF KERMIT ROOSEVELT, ESQ.  
OYSTER BAY, L. I.

Fairchild Aerial Surveys





## Tennis Court Fittings

**A**FTER years of experience with court fittings, the En-Tout-Cas Co. (Syston), Ltd., have found it most satisfactory to supply and install with each court either of the two sets illustrated on this page.

### Non-Trip Marking Tapes

One variety of tape is made of compressed lead which practically eliminates expansion. The other is of sturdy fabric impregnated with lead.

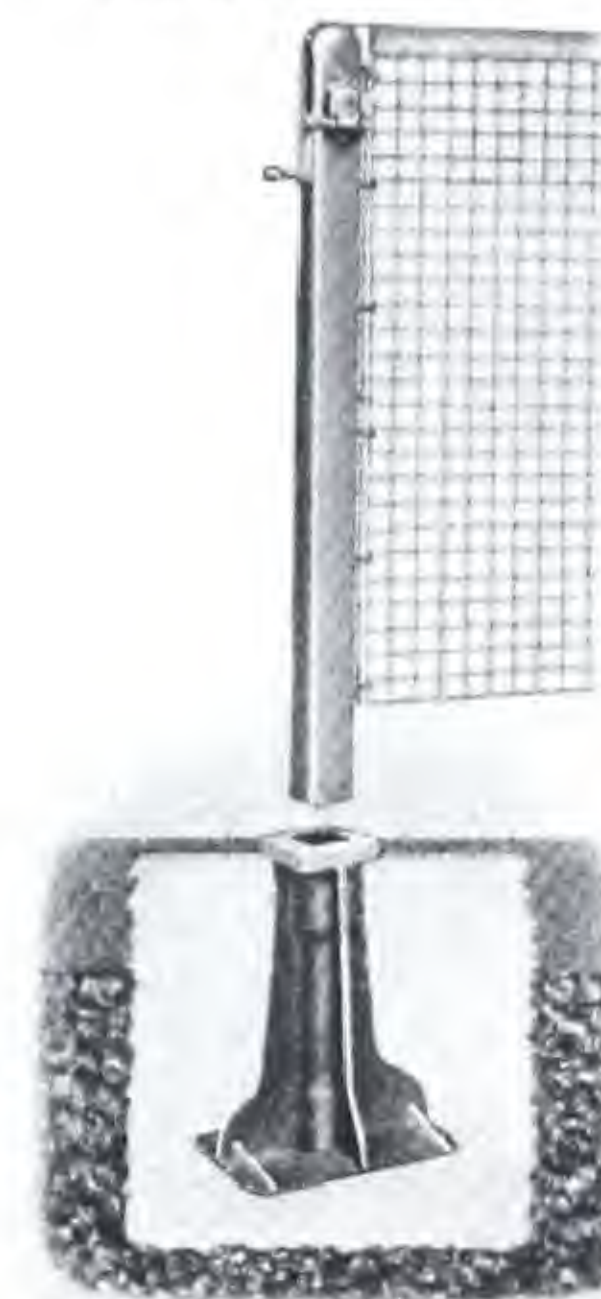
These marking tapes are securely fastened and beaten flush with the surface of the court so that there is positively no danger of tripping. The tapes need painting but once a year.

### The Universal Post



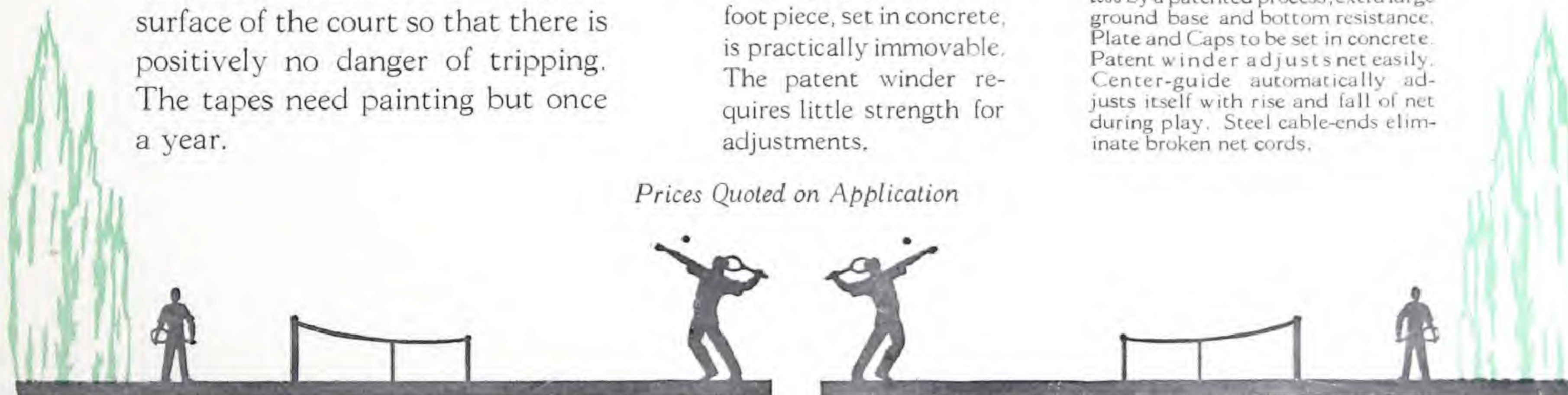
Well seasoned wood pole is readily detachable. The foot piece, set in concrete, is practically immovable. The patent winder requires little strength for adjustments.

### "Ne Plus Ultra"



Posts—cold drawn steel—made rustless by a patented process; extra large ground base and bottom resistance. Plate and Caps to be set in concrete. Patent winder adjusts net easily. Center-guide automatically adjusts itself with rise and fall of net during play. Steel cable-ends eliminate broken net cords.

*Prices Quoted on Application*





## Accessories



### A Good Roller

The majority of garden rollers offered for sale are far from true and will show ridges on the court.

This roller, made specially for "En-Tout-Cas" Courts, weighs about 600 lbs., is true; and because of the perfect balance can be handled easily by one man.

### Binding Liquid

In very dry weather it is desirable that "En-Tout-Cas" Tennis Courts be treated occasionally with Binding Liquid. This keeps the courts firm, moist, and cool to the feet.

### Moss or Weed Killer

If moss or other vegetation grows on any court, a weed killer should be used at once.

### Hard Court Brushes (Soft Hair)

For removing leaves, equalizing the surface before rolling, etc. Best quality hair, 30 inches wide.

### Tape Brushes

Mounted on long handles for brushing marking tapes.

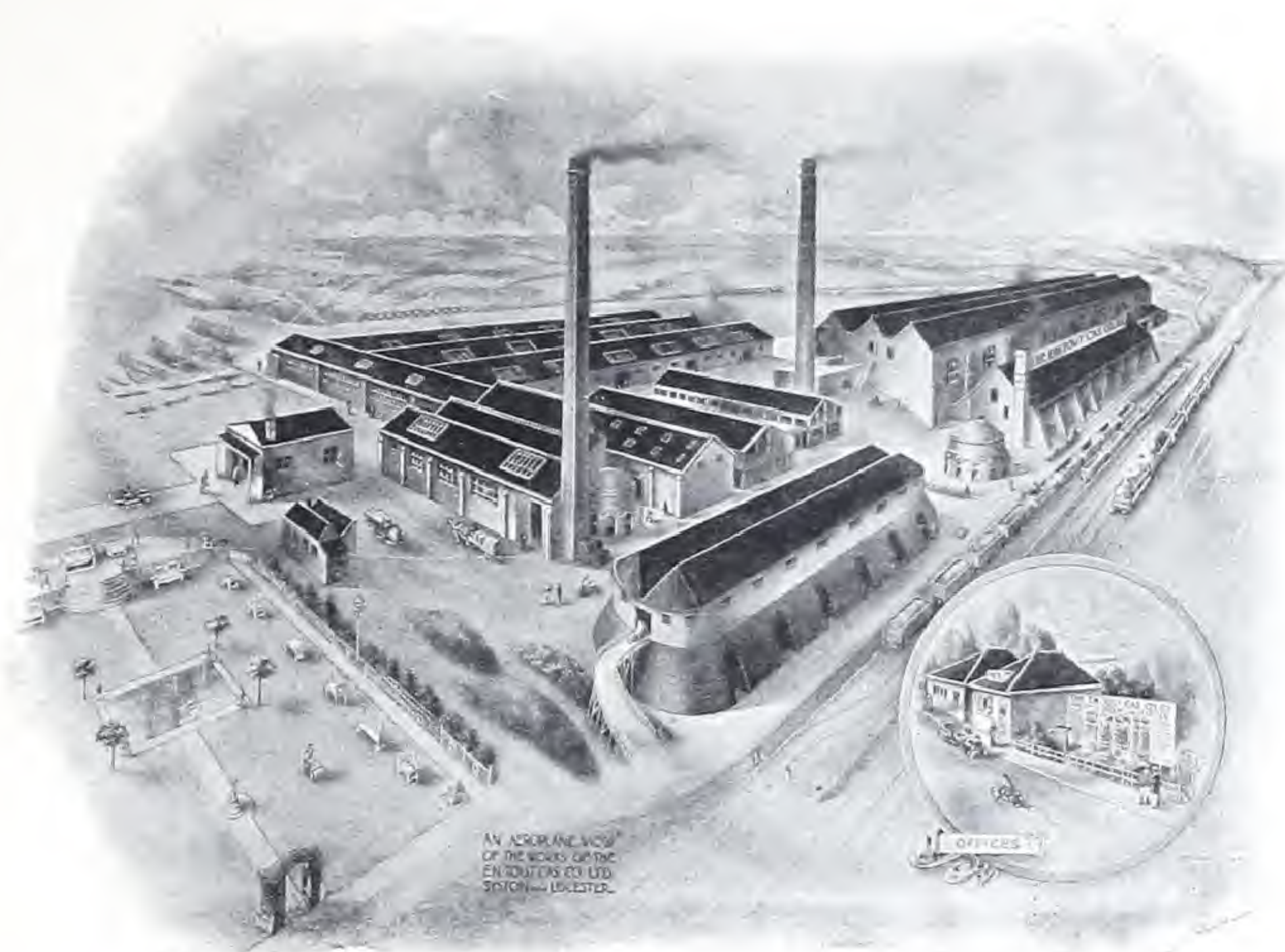
*Prices Quoted on Application*





# En-Tout-Cas

FAST DRYING TENNIS COURTS



The Works at Syston

THE EN-TOUT-CAS CO., (Syston), Ltd.

Works and Quarries:  
THURMASTON,  
Near LEICESTER

Cover twenty acres and  
have quarter-mile front-  
age to and direct con-  
nection with the main  
line of the London, Mid.  
& Scottish Railway Co.

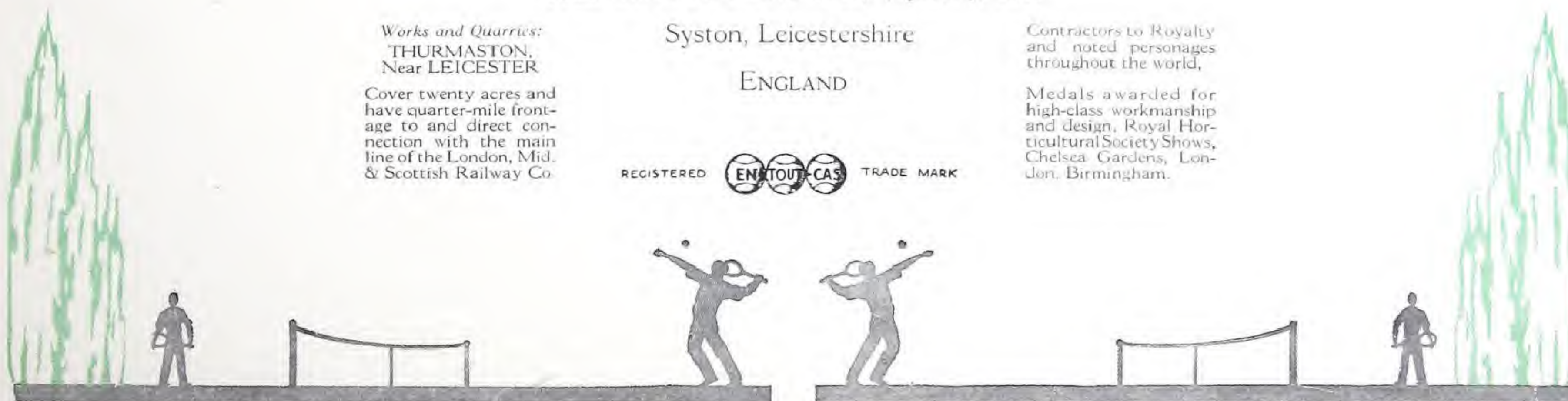
Syston, Leicestershire

ENGLAND

REGISTERED  TRADE MARK

Contractors to Royalty  
and noted personages  
throughout the world,

Medals awarded for  
high-class workmanship  
and design, Royal Hor-  
ticultural Society Shows,  
Chelsea Gardens, Lon-  
don, Birmingham.





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